

B.TECH DEGREE EXAMINATIONS: NOV/DEC 2010

Sixth Semester

INFORMATION TECHNOLOGY

U07IT604: Visual Programming

Time: Three Hours

Maximum Marks: 100

Answer ALL Questions:-

PART A (10 x 1 = 10 Marks)

1. Windows 2.0 is released in _____
A) Aug 1995 B) Nov 1987 C) Apr 1992 D) Nov 1986
2. Which one of the following is called Toggle Switch?
A) Check Box B) Push Button C) Radio Button D) Text Box
3. What is the logical unit mapping mode MM_LOENGLISH?
A) 0.01 inch B) 0.01 inch C) 0.1mm D) 0.01mm
4. In which bitmap each pixel corresponds to 1 bit?
A) Monochrome B) Colored C) Enhanced D) Single
5. Ordinal Linkage is more efficient in
A) Win 16 B) Win 32 C) DLL D) MFC.DLL
6. Resource script file can be denoted as
A) rc file B) res file C) rs file D) rsc file
7. ActiveX controls are generally known as
A) COM Controls B) OLE controls C) ATL D) DLL
8. Which one of the following is not an interface of OLE?
A) IOleObject B) IViewObject C) IOleClientSite D) ISaveObject
9. Windows Registry is maintained by the ODBC administrator module in the _____
A) Windows Control Panel B) Database Server C) drivers D) dBase/Xbase driver
10. Which one of the following occupies more memory to hold data?
A) snapshot B) dynaset C) table D) DAO

PART B (10 x 2 = 20 Marks)

11. What is an API?
12. Write down the Scrollbar functions along with its notification codes.
13. Diagrammatically represent the color format
14. Differentiate Modal and Modeless dialog box

15. Explain the ways to load an object from an archive.
16. Differentiate Dynamic and static splitter windows
17. List out the similarities between ActiveX and ordinary Controls.
18. Name the interfaces of OLE.
19. What are the different built-in classes provided by MFC?
20. List out the databases supported by VC++.

PART C (5 X 14 = 70 Marks)

21. a) Explain the concepts of windows and messages (along with function calls) in windows programming.

(OR)

- b) With an example, explain the methods to get a device context handle

22. a) Discuss the mapping modes in application framework. Draw the necessary diagrams

(OR)

- b) (i) Write short notes on video cards and its types (7)

- (ii) Write a program in VC++ to implement modal dialog box (7)

23. a) Elucidate the concept of reusable frame window

(OR)

- b) Briefly explain how reading and writing is done in SDI documents?

24. a) What are ActiveX controls? How to create an ActiveX at design time?

(OR)

- b) Discuss in detail about OLE embedded component and container (OLE)

25. a) How to access the database through ODBC? Explain

(OR)

- b) With an example, explain the overview of DAO.
